



United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: <u>SCHEDULING SYNCHRONIZATION OF PROGRAMS</u>
<u>RUNNING AS STREAMS ON MULTIPLE PROCESSORS.</u>

The specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

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I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

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Anglin, J. Michael	Reg. No. 24,916	Greaves, John N.	Reg. No. 40,362	Nielsen, Walter W.	Reg. No. 25,539
Arora, Suneel	Reg. No. 42,267	Harris, Robert J.	Reg. No. 37,346	Padys, Danny J.	Reg. No. 35,635
Beekman, Marvin L.	Reg. No. 38,377	Jackson Huebsch, Katharine A.	Reg. No. 47,670	Parker, J. K.	Reg. No. 33,024
Bianchi, Timothy E.	Reg. No. 39,610	Jurkovich, Patti J.	Reg. No. 44,813	Peacock, Gregg A.	Reg. No. 45,001
Billion, Richard E.	Reg. No. 32,836	Kalis, Janal M.	Reg. No. 37,650	Perdok, Monique M.	Reg. No. 42,989
Black, David W.	Reg. No. 42,331	Klima-Silberg, Catherine I.	Reg. No. 40,052	Peret, Andrew R.	Reg. No. 41,246
Brennan, Thomas F.	Reg. No. 35,075	Kluth, Daniel J.	Reg. No. 32,146	Peterson, David C.	Reg. No. 47,857
Chadwick, Robin A.	Reg. No. 36,477	Lacy, Rodney L.	Reg. No. 41,136	Price, Lucinda G.	Reg. No. 42,270
Clark, Barbara J.	Reg. No. 38,107	Lundberg, Steven W.	Reg. No. 30,568	Prout, William F.	Reg. No. 33,995
Clise, Timothy B.	Reg. No. 40,957	Maki, Peter C.	Reg. No. 42,832	Schumm, Sherry W.	Reg. No. 39,422
Cochran, David R.	Reg. No. 46,632	Malen, Peter L.	Reg. No. 44,894	Schwegman, Micheal L.	Reg. No. 25,816
Dahl, John M.	Reg. No. 44,639	Mates, Robert E.	Reg. No. 35,271	Speier, Gary J.	Reg. No. 45,458
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Embretson, Janet E.	Reg. No. 39,665	Muller, Mark V.	Reg. No. 37,509	Viksnins, Ann S.	Reg. No. 37,748
Forrest, Bradley A.	Reg. No. 30,837	Nama, Prakash	Reg. No. 44,255	Woessner, Warren D.	Reg. No. 30,440
Gorrie, Gregory J.	Reg. No. 36,530	Nelson, A. James	Reg. No. 28,650		

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P.O. Box 2938, Minneapolis, MN 55402

Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inven	tor number 1: Kitrick Sheets	
Citizenship:	United States of America	Residence: Morrisville, NC
Post Office Address:	/ 107 Monument View Lane	
Signature:	Morrisville, NC 27560 Kitrick Sheets	Date: 1/8/04

 \underline{X} Additional inventors are being named on separately numbered sheets, attached hereto.

Full Name of joint inventor Citizenship: Post Office Address:	number 2: <u>Josh Williams</u> United States of America 1101 W. 28th St. #303 Minneapolis, MN 55408	Residence: Minneapolis, MN
Signature:		
J	osh Williams	
Full Name of joint inventor Citizenship:	number 3: <u>Jon Gettler</u> United States of America	Residence: Lakesville, MN
Post Office Address:	17099 Gelncoe Avenue	Residence. Lakesvine, MIN
	Lakesville, MN 55044-7402	
Signature:	on Gettler	Date:
J	on Gettler	
Full Name of joint inventor		
Citizenship: Post Office Address:	United States of America 3631 Woodland Trail	Residence: Eagan, MN
osi Office Address.	Eagan, MN 55123-2400	
		Date: Jav 8, 2004
Signature:	Steve Piatz	Date: <u>(10.7)</u>
Cull Name of inint incomes	mumber 5. Andrew D. Western	
Citizenship:	number 5: Andrew B. Hastings United States of America	Residence: Eagan, MN
Post Office Address:	1595 Blackhawk Hills Road	
\sim .	Eagan, MN 55122	
Signature:	ren B. Hasting	Date: Jan 8, 2004
A	Andrew B. Hastings	7
	1000,500 1	A Control of the Cont
Full Name of joint inventor	number 6: Peter Hill	
Citizenship:	United States of America	Residence: St. Paul, MN
Post Office Address:	1805 Pinehurst Avenue St. Paul, MN 55116	
	·	
Signature:	eter Hill	Date:
r	cici IIIII	

Full Name of joint inventor	number 7: James G. Bravatto		
Citizenship:	United States of America	Residence: Inver Grove Heights, MN	
Post Office Address:	8705 Baxter Way		
	Inver Grove Heights, MN 55076		
1	A Bandthe	/ / / / /	
Signature:	D. Brwatts	Date: 1/20/2004	
	ames G. Bravatto		_
Full Name of joint inventor			
Citizenship:	United States of America	Residence: Inver Grove Heights, MN	
Post Office Address:	10165 Adam Avenue		
	Inver Grove Heights, MN 55077	/ /	
(laure	A Holi	1/0/2016	
Signature: Luus	Monn	Date: 1/8/2004	
/ J	ames R. Kohn	′ ′	
	· · · · · · · · · · · · · · · · · · ·		
- H			
Full Name of joint inventor			
Citizenship:	United States of America	Residence: Santa Fe, nm	
Post Office Address	1600 Caminito Monica		
	Santa Fe, hm/87501		
Signature: Man	ROLL	Date: 1/8/2004	
Signature:	110	Date:	
/ /	Greg Titus		
		•	

§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
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 - (ii) Asserting an argument of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



United States Patent Application

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The specification of which was filed on August 18, 2003 as application serial no. 10/643,769.

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Full Name of joint inventor	number 1: Kitrick Sneets		
Citizenship:	United States of America	Residence: Morrisville, NC	
Post Office Address:	107 Monument View Lane		
	Morrisville, NC 27560		
Signature:		Date:	
	Kitrick Sheets		

 \underline{X} Additional inventors are being named on separately numbered sheets, attached hereto.

Attorney Docket No.: 1376.718US1 Serial No. 10/643769 Filing Date: August 18, 2003			Pag
Full Name of joint inventor n Citizenship: Post Office Address:	umber 2: <u>Josh Williams</u> United States of America 1101 W. 28th St. #303 Minneapolis, MN 55408	Residence: Minneapolis, MN	
Signature: Jo	sh Williams	Date: 01-28-2004	
Full Name of joint inventor r Citizenship: Post Office Address:	number 3: Jon Gettler United States of America 17099 Gelncoe Avenue Lakesville, MN 55044-7402	Residence: Lakesville, MN	
Signature:		Date:	
Jo	on Gettler		
Full Name of joint inventor is Citizenship: Post Office Address: Signature:	United States of America 3631 Woodland Trail Eagan, MN 55123-2400	Residence: Eagan, MN Date:	
S	teve Piatz		
Full Name of joint inventor Citizenship: Post Office Address:	number 5: Andrew B. Hastings United States of America 1595 Blackhawk Hills Road Eagan, MN 55122	Residence: Eagan, MN	
Signature:	Andrew B. Hastings	Date:	
Full Name of joint inventor Citizenship: Post Office Address:		Residence: St. Paul, MN	
Signature:		Date:	
J.g.iuturo.	Peter Hill		

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Serial No. 10/643769

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James G. Bravatto Full Name of joint inventor number 7: Residence: Inver Grove Heights, MN United States of America Citizenship: 8705 Baxter Way Post Office Address: Inver Grove Heights, MN 55076 Date: Signature: James G. Bravatto James R. Kohn Full Name of joint inventor number 8: Residence: Inver Grove Heights, MN United States of America Citizenship: 10165 Adam Avenue Post Office Address: Inver Grove Heights, MN 55077 James R. Kohn Date: Signature: **Greg Titus** Full Name of joint inventor number 9: United States of America Residence: Santa Fe, nm Citizenship: 1600 Caminito Monica Post Office Address: Santa Fe, nm 87501 Greg Titus Date: Signature:

Filing Date: August 18, 2003

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Full Name of joint inventor	number 1: Kitrick Sheets	•	
Citizenship:	United States of America	Residence: Morrisville, NC	
Post Office Address:	107 Monument View Lane		
	Morrisville, NC 27560		
Signature:		Date:	
]	Kitrick Sheets		
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Signature:	Josh Williams	Date:	· .
Post Office Address: Signature:	number 3: <u>Jon Gettler</u> United States of America 17099 Gelncoe Avenue Lake Ville, MN 55044-7402 July July July July July July July July	Residence: Lakesville, MN Date: 1/9/04	
Full Name of joint inventor Citizenship: Post Office Address:	number 4: Steve Piatz United States of America 3631 Woodland Trail Eagan, MN 55123-2400	Residence: Eagan, MN	
Signature:		Date:	
	number 5 : Andrew B. Hastings United States of America 1595 Blackhawk Hills Road Eagan, MN 55122	Residence: Eagan, MN	
Signature:		Date:	
	Andrew B. Hastings	·	
Full Name of joint inventor Citizenship: Post Office Address:	number 6: Peter Hill United States of America 1805 Pinehurst Avenue St. Paul, MN 55116	Residence: St. Paul, MN	
Signature:		Date:	
F	Peter Hill		

Citizenship: Post Office Address:	United States of America 8705 Baxter Way Inver Grove Heights, MN 55076	Residence: Inver Grove Heights, MN
Signature:		Date:
	James G. Bravatto	
	number 8: <u>James R. Kohn</u> United States of America 10165 Adam Avenue	Residence: Inver Grove Heights, MN
Signature:	Inver Grove Heights, MN 55077	Date:
j	James R. Kohn	
Full Name of joint inventor	number 9 : Greg Titus	
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 - (i) Opposing an argument of unpatentability relied on by the Office, or
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- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: <u>SCHEDULING SYNCHRONIZATION OF PROGRAMS</u>
RUNNING AS STREAMS ON MULTIPLE PROCESSORS.

The specification of which was filed on August 18, 2003 as application serial no. 10/643,769.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

No such claim for priority is being made at this time.

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Anglin, J. Michael	Reg. No. 24,916	Greaves, John N.	Reg. No. 40,362	Nielsen, Walter W.	Reg. No. 25,539
Arora, Suneel	Reg. No. 42,267	Harris, Robert J.	Reg. No. 37,346	Padys, Danny J.	Reg. No. 35,635
Beekman, Marvin L.	Reg. No. 38,377	Jackson Huebsch, Katharine A.	Reg. No. 47,670	Parker, J. K.	Reg. No. 33,024
Bianchi, Timothy E.	Reg. No. 39,610	Jurkovich, Patti J.	Reg. No. 44,813	Peacock, Gregg A.	Reg. No. 45,001
Billion, Richard E.	Reg. No. 32,836	Kalis, Janal M.	Reg. No. 37,650	Perdok, Monique M.	Reg. No. 42,989
Black, David W.	Reg. No. 42,331	Klima-Silberg, Catherine I.	Reg. No. 40,052	Peret, Andrew R.	Reg. No. 41,246
Brennan, Thomas F.	Reg. No. 35,075	Kluth, Daniel J.	Reg. No. 32,146	Peterson, David C.	Reg. No. 47,857
Chadwick, Robin A.	Reg. No. 36,477	Lacy, Rodney L.	Reg. No. 41,136	Price, Lucinda G.	Reg. No. 42,270
Clark, Barbara J.	Reg. No. 38,107	Lundberg, Steven W.	Reg. No. 30,568	Prout, William F.	Reg. No. 33,995
Clise, Timothy B.	Reg. No. 40,957	Maki, Peter C.	Reg. No. 42,832	Schumm, Sherry W.	Reg. No. 39,422
Cochran, David R.	Reg. No. 46,632	Malen, Peter L.	Reg. No. 44,894	Schwegman, Micheal L.	Reg. No. 25,816
Dahl, John M.	Reg. No. 44,639	Mates, Robert E.	Reg. No. 35,271	Speier, Gary J.	Reg. No. 45,458
DeLizio, Andrew	Reg. No. 52,806	McCrackin, Ann M.	Reg. No. 42,858	Steffey, Charles E.	Reg. No. 25,179
Drake, Eduardo E.	Reg. No. 40,594	Mehrle, Joseph P.	Reg. No. 45,535	Tong, Viet V.	Reg. No. 45,416
Embretson, Janet E.	Reg. No. 39,665	Muller, Mark V.	Reg. No. 37,509	Viksnins, Ann S.	Reg. No. 37,748
Forrest, Bradley A.	Reg. No. 30,837	Nama, Prakash	Reg. No. 44,255	Woessner, Warren D.	Reg. No. 30,440
Gorrie, Gregory J.	Reg. No. 36,530	Nelson, A. James	Reg. No. 28,650		•

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary. Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below:

P.O. Box 2938, Minneapolis, MN 55402 Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor	number 1: Kitrick Sheets		
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Signature:		Date:	
]	Kitrick Sheets		

 \underline{X} Additional inventors are being named on separately numbered sheets, attached hereto.

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J	Josh Williams		
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Signature:	- 14	Date:	
Full Name of joint inventor	number 5: Andrew B. Hastings United States of America 1595 Blackhawk Hills Road Eagan, MN 55122	Residence: Eagan, MN	
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	Andrew B. Hastings		
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Signature:		Date:	
	ireg Titus		

Filing Date: August 18, 2003

§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
 - (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.